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LIST OF PRICES

FOR

FORGING AND CUTTING FILES AND RASPS,

AS AGREED TO AT

A CONFERENCE OF MANUFACTURERS AND WORKMEN

HELD IN THE

CUTLERS' HALL, APRIL 24, 1872,

AND accepted and confirmed by a Special General Meeting of the Workmen held in the Temperance Hall, April 25th, 1872; and accepted and confirmed by a Special Meeting of the File Manufacturers Association held in the Cutlers' Hall, April 26th, 1872.

To come into operation on the 3rd June, 1872.

ENTERED AT STATIONERS' HALL.

SHEFFIELD:

PUBLISHED AT THE OFFICE OF THE FILESMITHS' UNION, 92, ARUNDEL-ST.;

AND PRINTED BY

J. MORTON, STEAM PRINTING WORKS, CAMBRIDGE STREET.

1872.

THE REVISING COMMITTEES.

MANUFACTURERS.

MR. W. K. PEACE, J. P., Chairman.
„ T. JOWITT.
„ B. TURNER.
„ G. BARNSLEY.
„ T. BAKER.
„ J. BAKER.
„ C. H. GLENCROSS, Secretary.

WORKMEN.

EDWIN GRAYSON,
W. L. TODD,
HENRY BRAMWELL, } Forgers.

GEORGE WRAGG,
WILLIAM WARR,
JOSEPH RAYWOOD,
JAMES LEIGH,
JOHN WHITHAM, } Cutters.

HENRY CUTTS,
THOMAS HOLLAND, } Secretaries.



PRICES

for

FORGING FILES AND RASPS,

To commence June 3rd, 1872.

SINGLE HAND WORK.

Inch.	Flat and Square,	Hand and Pillar,	Mill Saws.	Half-round from rolled & round steel	Half-round from flat steel	Round, from rolled & round steel.
	per gross s. d.	per gross s. d.	per gross s. d.	per gross s. d.	per gross s. d.	per gross s. d.
2	—	—	—	—	—	—
2½	—	—	—	—	—	—
3	3 8	3 8	—	—	3 9	—
3½	3 10	3 10	—	—	3 10	—
4	4 0	4 0	3 9	3 9	4 0	3 8
4½	4 3	4 4	4 1	4 1	4 5	3 6
5	4 6	4 9	4 6	4 6	4 10	3 9
5½	4 11	5 5	4 10	4 11	5 3	4 1
6	5 6	6 1	5 3	5 6	5 10	4 5
6½	6 0	6 6	5 8	6 0	6 4	4 10
7	6 6	7 0	6 1	6 6	7 0	5 3
7½	7 0	7 6	6 6	7 0	7 6	5 8
8	7 6	8 0	7 0	7 6	8 0	6 1
8½	8 0	8 6	7 6	8 0	9 0	6 9
9	8 6	10 3	8 0	8 6	10 0	7 6
9½	9 0	10 9	8 6	9 0	11 0	8 1
10	10 6	—	9 0	11 3	—	8 9
11	—	—	10 0	—	—	10 0
12	—	—	12 6	—	—	—

SINGLE HAND FORGING.

GROSS FILES. from Flat Steel, to advance 2in. on Half-round price, from Flat Steel.

SINGLE HAND WORK.

	Round, from square steel.		Cabinets, from rolled cabinet steel.		Cabinets from flat steel.		Plain shoe rasps.		Single improved shoe rasps.		Double improved shoe rasps.	
Inch.	per gross s. d.		per gross s. d.		per gross s. d.		per gross s. d.		per gross s. d.		per gross s. d.	
2	—		—		—		—		—		—	
2½	—		—		—		—		—		—	
3	3	6	—		—		—		—		—	
3½	3	7	—		—		—		—		—	
4	3	8	4	6	4	8	—		—		—	
4½	4	2	5	0	5	2	—		—		—	
5	4	8	5	6	5	8	3	3	3	5	3	7
5½	5	2	6	0	6	2	3	5	3	7	3	9
6	5	8	6	6	6	8	3	7	3	9	4	0
6½	6	2	7	0	7	2	3	9	4	0	4	3
7	6	8	7	6	7	9	4	0	4	3	4	6
7½	7	3	8	0	8	10	4	3	4	6	4	10
8	7	9	8	6	10	0	4	6	4	10	5	3
8½	8	7	9	3	11	3	4	10	5	3	5	9
9	9	6	10	0	12	6	5	3	5	9	6	3
9½	10	6	11	0	13	9	5	9	6	3	7	1
10	—		12	6	15	0	6	3	7	0	8	0
11	—		—		—		—		—		—	
12	—		—		—		—		—		—	

ROUND-OFFS, with two Tangs, from Flat or regular Rolled Half-round Steel. to advance 2in. on Half-round price, from Flat Steel; if from Rolled Round Off-steel, 1in. on Half-round price from Half-round Steel.

BOUND OFFS with one Tang from Flat or regular Rolled Half-round Steel, to advance one inch on Half-round, from Flat Steel, if from Rolled Round-off Steel, Half-round price from Half-round Steel.

PIPPIN and TRIPLE to advance 2in. on Half-round price from Flat Steel.

TROWEL, FLAT, and COFFIN FILES. to advance 3in. on Flat price. **TROWEL, HALF-ROUND**, 3in. on Half-round, from Flat Steel.

SINGLE HAND WORK.

Inch.	Blunt slot- ting, square, and topping.		Equallings.		Taper saw files, from rolled three- square steel.		Taper saw files, from square steel.		Blunt saw files, from 3-square steel.		Common three-square from three- square steel.	
	per gross s.	d.	per gross s.	d.	per gross s.	d.	per gross s.	d.	per gross s.	d.	per gross s.	d.
2	—	—	—	—	—	—	—	—	...	...	...	...
2½	—	—	—	—	—	—	—	—	...	...	...	...
3	—	—	—	—	—	—	3	9	...	...	3	6
3½	—	—	—	—	3	6	3	11	...	...	3	7
4	3	3	3	9	3	7	4	3	3	6	3	8
4½	3	5	4	1	3	11	4	11	3	9	4	0
5	3	9	4	5	4	4	5	4	4	1	4	4
5½	4	1	4	8	4	10	6	4	4	7	4	10
6	4	5	5	3	5	4	6	10	5	3	5	4
6½	4	8	5	7	6	2	7	11	6	0	5	10
7	5	3	6	1	7	0	8	9	7	0	6	5
7½	5	7	6	6	7	9	9	6	7	9	7	0
8	6	1	7	6	8	6	10	3	8	6	7	8
8½	6	6	8	0	9	6	11	3	9	6	8	10
9	7	6	8	6	10	6	12	3	10	6	10	0
9½	8	0	8	11	11	6	13	3	11	6	11	2
10	8	6	9	3	—	—	15	6	13	9	...	...
11	9	3	10	9	—	—	...	...	...	...	...	...
12	10	9	13	6	—	—	...	...	...	...	...	...

REAPERS, Drawn and Beveled-edged, from Rolled Beve'd-edged Steel, and **HIGH BACKED HALF-ROUND**, from Rolled High-backed Half-round Steel; Half-round weight or under, to advance lin. on Half-round price from Half-round Steel; if from Flat Steel, lin. on Half-round from Flat Steel, if extra weight to take inches for weight.

BLUNT KNIFE and **KNIFE REAPER**, from Rolled Knife and Reaper Knife Steel, Flat Price.

BLUNT TUMBLER, from Rolled Tumbler Steel, and Diamond, from Rolled Diamond Steel, Flat price.

TAPER FRAMES, from Square or Flat Steel, as Half-round, from Flat Steel; if from Rolled Half-round Frame Steel, to reckon as Half-round, from Half-round Steel.

PATENT BOOT HEEL, and Bevelled End Shoe Rasps, as Half-round.

SINGLE HAND WORK.

Inch.	Common three-square from square steel.		Blunt three square, from three-square steel.		Blunt round & gulleting, from round steel.		Frame saws, from frame half-round steel.		Frame saws, from square steel.		Feather edge from flat or half-round steel.	
	per gross	s. d.	per gross	s. d.	per gross	s. d.	per gross	s. d.	per gross	s. d.	per gross	s. d.
2	...		...		...		...		...		5	6
2½	...		...		...		...		...		6	0
3	3	9	...		...		...		...		6	6
3½	4	0	...		...		...		...		7	0
4	4	4	3	6	1	8	3	0	3	4	7	6
4½	5	0	3	8	1	10	3	2	3	9	8	6
5	5	4	4	1	2	0	3	5	4	3	10	0
5½	6	4	4	6	2	4	3	10	4	10	11	0
6	6	10	5	2	2	9	4	4	5	6	12	0
6½	7	7	5	6	3	3	4	9	6	3	13	6
7	8	2	6	2	3	7	5	4	7	1	15	0
7½	8	9	6	6	3	11	5	10	8	0	16	6
8	9	5	7	4	4	4	6	6	8	11	18	0
8½	10	7	8	4	4	9	7	0	9	10	19	6
9	11	9	9	6	5	3	8	0	10	9	21	0
9½	12	11	10	6	5	11	9	0	11	9	22	6
10	...		12	3	6	10	10	0	12	9	24	0
11	...		...		8	10	...		...		...
12	...		...		9	10	...		...		...

KNIFE FORK-FILES, to advance 3in. on Half-round price from Flat Steel.

RIFFLERS, to advance 4in. on Half-round price, from Flat Steel.

SEGMENT THREE SQUARE SAW FILES, to advance 2in. on Saw File price.

SEGMENT MILL SAWS, to advance 2in. on Mill Saw price.

NEEDLE FILES, Flat Breadth, or under Flat price, if extra breadth, as Hand Files.

TANGED SHOE RASPS, Flat price.

SWAGED HAND FILES, to advance 3in. on Flat price.

FLAT BACK HALF-ROUND, as Cabinets.

EXTRA THIN FLAT. 6in. and above, being one-eighth of their breadth in thickness, to advance 1in.

THREE SQUARES, with Square Tangs 6in. and under, 3d. per Gross extra.

SINGLE HAND FORGING

Inch.	Blnt. feather edge, from roll'd feather edge steel.		Slitting, pinion, and knife fi es.		Tumbler and cants. from square and flat steel.		Blunt cants. from rolled cant and blunt cross from roll'd cross steel.		Cross files.	
	per gross s.	d.	per gross s.	d.	per gross s.	d.	per gross s.	d.	per gross s.	d.
2	...		...		...		...		...
2½	...		...		...		...		...
3	...		...		4	6	3	8	...	
3½	...		...		5	0	3	10	...	
4	4	2	5	10	5	6	4	0	4	9
4½	4	6	6	5	6	0	4	3	5	3
5	5	0	7	0	6	6	4	6	6	0
5½	5	6	7	6	7	0	4	11	6	6
6	6	0	8	0	7	6	5	6	7	0
6½	6	6	9	0	8	9	6	0	7	8
7	7	0	10	0	10	0	6	6	8	10
7½	7	6	11	0	11	0	7	0	9	4
8	8	0	12	0	12	0	7	6	10	0
8½	9	0	13	0	13	0	8	0	10	6
9	10	3	14	0	14	0	8	6	11	0
9½	10	10	16	0	16	0	9	0	12	0
10	11	6	18	6	18	6	10	6	18	6
11	...		...		...		...		...
12	...		...		...		...		...

All Files with Two Tangs, to advance 2in. on their respective sorts
FRAME TOPPING from Flat Steel, 8in., 8s. 4d., 9in., 9s. 6d.
 per gross.

FRAME TOPPINGS, from Rolled Frame Topping Steel, same
 price as Frames from Rolled Frame Steel.

DRAWN TOPPINGS, as **MILL SAWS**; if extra breadth to
 take the medium; example, 6in. breadth of 8in. take
 7n. price.

All **EQUALLINGS** of extra breadth or **Blunts** of extra thickness
 to take the medium in like manner.

SMALL POINT MILL SAWS & TAPER COTTER Flat price.
BLUNT SAW FILES, and **BLUNT THREE-SQUARES**, from
 Square Steel, same price as Saw Files from Square Steel.

BELLIED THREE-SQUARES, to advance ½in. for being Bellied,
 and if made from Steel of extra strength, to take the

DOUBLE HAND FORGING.

Inch.	Flat and Square.				Half-round, from Rolled half-round Steel.				Half-round, and Round, from Flat and Square Steel.			
	Forger		Striker		Forger		Striker		Forger		Striker.	
	per s. doz.	per d. doz.	per s. doz.	per d. doz.	per s. doz.	per d. doz.	per s. doz.	per d. doz.	per s. doz.	per d. doz.	per s. doz.	per d. doz.
10	0	5½	0	4¾	0	6	0	5½	0	6½	0	5¾
10½	0	6	0	5½	0	6½	0	5¾	0	7	0	6
11	0	6½	0	5½	0	7	0	6	0	7¾	0	6¾
11½	0	6¾	0	5¾	0	7½	0	6½	0	8¼	0	7½
12	0	7	0	6	0	7½	0	6½	0	9¼	0	8½
12½	0	7½	0	6½	0	8¼	0	7½	0	10¼	0	8¾
13	0	7¾	0	6½	0	8¾	0	7½	0	10¾	0	9¼
13½	0	8½	0	6¾	0	9¼	0	7¾	0	11½	0	9¾
14	0	9	0	7½	0	10	0	8½	1	0½	0	10½
15	0	11½	0	9½	1	1½	0	11½	1	5	1	8
16	1	3	1	0	1	5	1	2	1	9	1	6
17	1	5½	1	2	1	8½	1	5	2	0½	1	9
18	1	8	1	4	1	11	1	7	2	3½	1	11
19	1	11	1	7	2	2	1	10	2	11	2	5½
20	2	4	1	10	2	8½	2	2½	3	6	2	11½
21	2	9	2	2	3	1½	2	6½	4	1½	3	6
22	3	8	2	7	3	7½	2	11½	5	1	4	4
23	4	0	3	8	4	4½	3	7½	6	6	5	5
24	5	2	4	4	5	6½	4	8½	8	6	7	5
All above 24 inch Forger 9d. Striker 7d. per in. per doz				All above 24 inch Forger 9d. Striker 7d. per in. per doz				All above 24 inch Forger 1s Striker 10d per in. per doz				

medium price extra: example, 8in. made from 10in. Steel, take 9½in. price.

THREE-SQUARE, made from Steel of extra strength, and not drawn at the heel to take the medium.

THREE-SQUARE SLATE FILES, without Tangs, to be Half-price of common Three-squares.

BELLIED SAW FILES, of extra strength, to advance 1in. on Saw File price.

BELLIED BLUNTS, as **BELLIED TAPERS**, in Threesquares and Saw Files, respectively.

DOUBLE HAND FORGING.

Inch.	Three-square, from Three-square Steel.		Blunt Slotting Cutter and Square				Blunt Round from rolled round Steel.						
	Forger		Striker		Forger		Striker		Forger		Striker		
	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.		
	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	
10	0	6 $\frac{3}{4}$	0	6	0	5	0	4 $\frac{1}{4}$	0	3 $\frac{3}{4}$	0	3 $\frac{1}{4}$	
10 $\frac{1}{2}$	0	7 $\frac{1}{4}$	0	6 $\frac{1}{2}$	0	5 $\frac{1}{4}$	0	4 $\frac{1}{2}$	0	4 $\frac{1}{2}$	0	3 $\frac{3}{4}$	
11	0	7 $\frac{1}{2}$	0	6 $\frac{3}{4}$	0	5 $\frac{1}{2}$	0	4 $\frac{3}{4}$	0	5	0	4	
11 $\frac{1}{2}$	0	8 $\frac{1}{4}$	0	7 $\frac{1}{2}$	0	5 $\frac{3}{4}$	0	5	0	5 $\frac{1}{4}$	0	4 $\frac{1}{4}$	
12	0	9 $\frac{1}{4}$	0	8 $\frac{1}{4}$	0	6 $\frac{1}{4}$	0	5 $\frac{1}{4}$	0	5 $\frac{1}{2}$	0	4 $\frac{1}{2}$	
12 $\frac{1}{2}$	0	10 $\frac{1}{2}$	0	9 $\frac{1}{2}$	0	6 $\frac{3}{4}$	0	6	0	5 $\frac{3}{4}$	0	4 $\frac{3}{4}$	
13	0	11 $\frac{3}{4}$	0	10 $\frac{1}{4}$	0	7 $\frac{1}{2}$	0	6	0	6	0	5	
13 $\frac{1}{2}$	1	0	0	10 $\frac{1}{2}$	0	8	0	6 $\frac{1}{2}$	0	6 $\frac{1}{4}$	0	5 $\frac{1}{4}$	
14	1	1	0	11 $\frac{1}{2}$	0	8 $\frac{1}{2}$	0	7	0	6 $\frac{1}{2}$	0	5 $\frac{1}{2}$	
15	1	4	1	2	0	10	0	8	0	7 $\frac{3}{4}$	0	6 $\frac{1}{4}$	
16	1	10	1	7	1	3	1	0	0	11	0	9	
17	2	1 $\frac{1}{2}$	1	10 $\frac{1}{2}$	1	5 $\frac{1}{2}$	1	2	1	2	1	0	
18	2	5 $\frac{1}{2}$	2	1 $\frac{1}{2}$	1	8	1	4	1	5	1	1 $\frac{1}{2}$	
19	2	7 $\frac{1}{2}$	2	3 $\frac{1}{2}$	1	9	1	5	1	6	1	2 $\frac{1}{2}$	
20	3	6	3	0	2	4	1	10	1	9	1	5 $\frac{1}{2}$	
21	4	0	3	6	2	9	2	2	2	0	1	7 $\frac{1}{2}$	
22	4	9	4	2	3	3	2	7	2	3	1	11	
23	5	11	5	1	4	0	3	3	2	8	2	2	
24	7	10	6	9	5	2	4	4	3	0	2	8	
All above 24 inch, Forger 1s. Striker 10d per in. per doz		All above 24 inch, Forger 9d. Striker 7d. per in. per doz.				All above 24 inch, Forger 6d. Striker 4d. per in. per doz.							

TAPER and BLUNT SAW FILES, above 9 $\frac{1}{2}$ in., to advance 1in. on Three-square price.

BLUNT ROUND, or **GULLETING**, Drawn or Smithed, as Blunt Square.

ALL TAPER-SQUARE and ROUND, of extra strength, to take medium.

BONE or BUTTON FILES, as Shoe Rasps.

SWISS or improved SHOE RASPS, to advance 2in. on Shoe Rasp price.

DOUBLE HAND FORGING.

Inch.	Round from rolled round steel.		Double Horse Rasps.		Millsaws.	
	Forger per doz. s. d.	Striker per doz. s. d.	Forger per doz. s. d.	Striker per doz. s. d.	Forger per doz. s. d.	Striker per doz. s. d.
10	0 5 $\frac{3}{4}$	0 4 $\frac{3}{4}$	...	...	...	...
10 $\frac{1}{2}$	0 6	0 5 $\frac{1}{2}$	...	...	...	...
11	0 6 $\frac{1}{2}$	0 5 $\frac{1}{2}$	0 4 $\frac{1}{2}$	0 3 $\frac{1}{2}$	0 6 $\frac{1}{4}$	0 5 $\frac{1}{4}$
11 $\frac{1}{2}$	0 6 $\frac{3}{4}$	0 5 $\frac{3}{4}$	...	...	0 6 $\frac{1}{2}$	0 5 $\frac{1}{2}$
12	0 7	0 6	0 5 $\frac{1}{4}$	0 4	0 6 $\frac{3}{4}$	0 5 $\frac{3}{4}$
1. $\frac{1}{2}$	0 7 $\frac{1}{4}$	0 6 $\frac{1}{4}$	...	...	All above, Flat Price.	
13	0 7 $\frac{3}{4}$	0 6 $\frac{1}{2}$	0 6 $\frac{1}{2}$	0 5		
13 $\frac{1}{2}$	0 8 $\frac{1}{2}$	0 6 $\frac{3}{4}$	...	...
14	0 9	0 7 $\frac{1}{2}$	0 7 $\frac{1}{2}$	0 6		
15	0 11 $\frac{1}{2}$	0 9 $\frac{1}{2}$	0 10	0 8		
16	1 3	1 0	1 3	1 0		
17	1 5 $\frac{1}{2}$	1 2	1 4	1 1		
18	1 8	1 4	1 5	1 2		
19	1 11	1 7	All above 18 inch. Forger 2d. Striker 2d. per in. per doz.			
20	2 4	1 10				
21	2 9	2 2	If Swaged, to take Flat Price. Swaged at both ends, double the advance of Single Swaged. Tanged Horse Rasps, to ad- vance 8 inch on Flat Price, if swaged, one inch extra; Single improved, half inch; Double improved, one inch extra.			
22	3 3	2 7				
23	4 0	3 3				
24	5 2	4 4				
	All above 24 inch, Forger 9d. Striker 7d. per in. per doz.					

BLUNT CROSS FILES, from Rolled Cross File Steel, as Half-round: if from regular Rolled Half-round Steel, as drawn Cross Files.

DOUBLE HALF-ROUND or Extra Strong **CROSS FILES**, to advance 1in. on Cross File prices, accordingly as the Steel is rolled.

OVAL FILES, as Tumblers.

KIT, JEWELLER, BAR, and DENTIST FILES, Sixpence per dozen.

TWO-GRAINED FORK FILES, 6s. per gross; **Four Grained**, 7s. 6d. per gross.

CARROT FILES, 6in. in length, 1s. 8d. per dozen.

N.B.—In Forging Files or Ra-pps not being mentioned or provided for in this List, the prices to be similar to work of the nearest kind.

All $\frac{1}{2}$ inches not mentioned in this List, to take the medium of the prices above and below; and all $\frac{1}{4}$ inches to reckon $\frac{1}{4}$ inches forward.

All Small Files under 4 inches in length, that reckon forward, to take the advances from 4in. price, providing there be not a price given for a lesser size.

FILES, Smithed after lighting, to 10in., 6d. per gross.

BOSSES making, to 9in., 6d. each; 10in., 1s. each. Repairing half-price.

Forgers working on their own Tools, to receive One Penny to the Shilling extra for Tools.

FRAME SAW FILES, from Rolled Half-Round Frame Saw File Steel, above 10in., 1s. per inch extra per gross.

DOUBLE HAND FORGING.

RIFFLERS, to advance 4in. on Half-round price, from Flat Steel

FEATHER EDGE, to advance 4in. on Half-round price from Flat Steel; Taper Feather Edge, 1in. more than Blunt.

SADDLE TREE, to advance 3in. on Half-round price, from Flat Steel.

Do. do. from Rolled Saddle Tree steel, advance 3in. on Half-round price, from Rolled Half-round steel.

KNIFE TUMBLER, Cants. Cross, Round-Offs with two Tangs, and Last makers, from Flat steel, to advance 2in. on Half-round price, from Flat steel.

ROUND OFFS, with two Tangs, and Cross Files, from Rolled Half-round steel, to advance 2in. on Half-round price, from Rolled Half-round steel.

TAPER CROSS FILES from Rolled Cross-File steel, and Round Offs with two Tangs, from Rolled Round Off steel, to advance 2in. on Flat price.

MILL SAWS with two Tangs, and Trowel Flat, to advance 2in. on Flat price.

TROWEL Half-round, to advance 2in. on half-round prices.

TAPER and BLUNT CROSS FILES, from Rolled Half-round steel, 2in. on half-round, from do. steel.

SEGMENTS, to advance 2in. on their respective sorts.

TAPER and BLUNT SAW FILES, to advance 1in. on Three-square price.

ARCH FILES, to advance 1in. on Flat price.

FEATHER EDGE BLUNTS, from Rolled Feather Edge Steel, 1in. on Flat price.

- CABINETS**, from Rolled Cabinet steel, and Flat Backs, from Rolled Flat Backed Steel; lin. on Half-round, from Half-round Steel.
- COFFIN FILES**, 3in. on Flat price.
- NEEDLE FILES**, above Flat Breadth, advance lin. on Flat price.
- ROUND OFFS**, with one Tang, from Rolled Round Off Steel, lin. on Flat price; if from half-round or Flat steel, lin. on half-round price, from Flat steel.
- HAND FILES**, to advance lin. on Flat price.
- HIGH-BACK** Half-round, from Flat Steel half-round weight or under, lin. on half-round, from Flat steel.
- EQUALLING**, above 12in., advance lin. on Flat price.
- CABINETS**, from Flat steel, advance lin. on Half-round price, from Flat steel.
- PILLAR FILES**, advance lin. on Flat price.
- CARROT FILES** 7in., Forger 1s. 7d., Striker 1s. 5l.; do. 8in., Forger, 2s. 1d., Striker, 1s. 11d.; all above, Forger 4d., Striker 3½d. per inch. per doz. each.
- BLUNT TUMBLER**, from Rolled Tumbler Steel, and Blunt Cross from Rolled Cross, Flat price.
- ROUND**, and **NEEDLE-FILES** Flat breadth or under, and **TANGED SHOE RASPS**, Flat price.
- HIGH-BACK HALF-ROUND**, of extra strength, to take inches for weight.
- SMALL-POINT MILL SAWS**, & **TAPER COTTER**, Flat price.
- DRAWN FLAT**, of extra weight to take inches for weight, if above 14in., and carrying 4in. or more of extra weight from Steel not cogged, inches for weight; if cogged, Forger 6d., Striker 5½d. per Stone.
- All BLUNT, ROUND, SLOTTING, SQUARE**, and all Parallel (except equalling), of extra strength, to take the medium: example, 14in. strength of 16 inches take 15in. price on the parallel line; if carrying 4in. or more of extra weight, and 14in. long or more. Forger 5½d., Striker 4½d. per Stone
- All Extra Strong Half-round** to take inches for weight.
- EQUALLINGS** of extra breadth or thickness to take the medium: example, 14in. breadth, or thickness of 16in., to take 15in. price.
- TAPER SQUARE** and **Round**, of extra strength, to take the medium between length and extra strength.
- RUBBERS**, from the Bar (uncogged), Forger, 8d.; Striker, 7d. per Stone; if cogged, Forger, 3½l.; Striker, 3d. per stone,
- HALF-THICK RUBBERS**, from the Bar (uncogged); Forger, 10d.; Striker, 9d. per stone; if cogged, Forger, 5d.; Striker, 4½d. per stone.
- SQUARE-BLUNT RUBBERS** without Tangs, to 1½in. square; Forger, 1s. 4½d.; Striker, 1s. 1½d. per dozen; all above, Forger, 1s. 11d.; Striker, 1s. 7d. per dozen.
- BLUNT-ROUND**, from Rolled Round Steel, Drawn or Smithed, as Blunt Square.
- HORSE-TOOTH RASPS**, 5d. each.

BREAD RASPS, Forger, 1s. 6d.; Striker, 1s. 3d. per dozen.

SWAGED HAND FILES, to advance 5in. on Flat price.

FLAT BACK Half-round, reckon as Cabinets.

BELLIED THREE-SQUARES, to advance $\frac{1}{2}$ an inch for being Bellied, and if made from Steel of extra strength, to take the medium extra: example, 14in. made from 16in. Steel take 15 $\frac{1}{2}$ in. price.

DOUBLE HALF-ROUND, OVAL, and Drawn Tumbler to advance 1in. on Tumbler price.

CURL THREE-SQUARES, Forger, 7 $\frac{1}{2}$ d.; Striker, 6 $\frac{1}{2}$ d. per stone.

ALL THREE-SQUARES made from Square Steel, 3s. per gross extra.

All $\frac{1}{2}$ inches not mentioned in this List, to take the medium of the prices above and below.

All $\frac{1}{2}$ inches to reckon $\frac{1}{4}$ inches forward.

BOSSSES making, to 13in., 1s.; to 15in., 1s. 6d.; all above, 2s. each. Repairing, half-price.

FILES, Smithed after lighting, 10 $\frac{1}{2}$ ir. to 15in., 1s.; all above, 1s. 6d. per gross.

Forgers working on their own Tools, to receive 1d. to the shilling extra for Tools.

N.B.—In Forging Files, or Rasps not mentioned or provided for in this List, the prices to be similar to work of the nearest kind.

PRICES
OF
CUTTING FILES AND RASPS,
To take place June 3rd, 1872..

ERRATA.

IN SHEET LIST, READ AS FOLLOWS:—

Needle and Pin Files, second cut, 8½ inch,.....	2/2½
Knife and Cant, smooth, 17 inch	13/0
Millsaws, second cut sing'le. Finishing, 12 inch	4/2
Hand Rasps, second cut, 18 inch	10/3

Inches.	Flat, Entering, and Taper Square.						Hand, Pillar, and Blunt Square.							
	Common		2nd. Cut		Smooth		Common		2nd. Cut		Smooth			
	per s.	doz. d.	per s.	doz. d.	per s.	doz. d.	per s.	doz. d.	per s.	doz. d.	per s.	doz. d.		
To 4	1	1½	1	5	1	9½	1	2	1	5½	1	10		
4½	1	2½	1	6	1	10½	1	3	1	6½	1	11½		
5	1	3	1	7	2	0	1	3½	1	7½	2	1		
5½	1	3½	1	8	2	1½	1	4	1	9	2	3		
6	1	4½	1	9	2	3	1	5	0	10½	2	5		
6½	1	5½	1	10½	2	5	1	6	2	0	2	7		
7	1	6½	2	0	2	7	1	7½	2	2	2	9		
7½	1	7½	2	1½	2	9	1	8½	2	3½	2	11		
8	1	8½	2	3	2	11	1	10	2	5	3	1		
8½	1	9	2	5	3	1	1	11½	2	7	3	3		
9	1	11	2	7	3	3	2	1	2	9	3	5		
9½	2	1	2	9	3	5	2	3	2	11	3	7		
10	2	3	2	11	3	7	2	5	3	1	3	9		
10½	2	5	3	0	3	9	2	7	3	3	3	11		
11	2	7	3	3	3	11	2	9	3	5	4	1		
11½	2	9	3	5	4	1½	2	11	3	7	4	4½		
12	2	11	3	7	4	4	3	1	3	9	4	8		
12½	3	1	3	9½	4	8	3	3½	3	11½	5	0		
13	3	3	4	0	5	0	3	6	4	4	5	4		
13½	3	6	4	4	5	4	3	9	4	8	5	8		
14	3	9	4	8	5	8	4	0	5	0	6	0		
15	4	3	5	3	6	6	4	7	5	7	7	0		
16	4	11	6	2	7	6	5	3	6	8	9	0		
17	5	9	7	3	9	0	6	3	8	0	11	0		
18	6	9	8	6	11	0	7	3	9	0	13	0		
19	7	9	9	10	13	0	8	3	11	0	15	0		
20	9	0	11	4	15	0	9	9	12	6	17	0		
all above all above all above all above all above all above														
1s. 6d.			1s. 8d.			2s. 0d.			1s. 6d.			1s. 8d.		
per inch			per inch			per inch			per inch			per inch		
per doz.			per doz.			per doz.			per doz.			per doz.		

Middle and rough, 15 inch. and above, 2d. per dozen more than Bastard.

With one round edge, half-round price, with two round edges, one inch on half-round price.

All flat over cut on one edge, one twelfth extra; over cut on both edges, one sixth extra, if extra thin, as arch files.

Middle and rough, 15 inch. and above, 2d. per dozen more than Bastard.

With swaged edges, to advance two inches.

With round edges, as equalings with round edges.

Inches.	Threesquares.						Threesquares Edging.					
	Common		2nd Cut.		Smooth		Middle rough & bastard.		2nd Cut and smooth.			
	per doz.		per doz.		per doz.		per doz.		per doz.			
To 4	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	11 inch Threes-squares, not to exceed $\frac{1}{8}$ inch in breadth, and to advance one-sixteenth to the inch in breadth. If broader, extra price.	
4 $\frac{1}{2}$	1 1 $\frac{1}{2}$	1 5	1 1 $\frac{1}{2}$	1 5	1 9 $\frac{1}{2}$	...	...	...	...	...
5	1 2 $\frac{1}{2}$	1 6	1 2 $\frac{1}{2}$	1 6	1 10 $\frac{1}{2}$	...	...	...	...	...
5 $\frac{1}{2}$	1 3	1 7	1 3	1 7	2 0	...	...	...	0 3	...
6	1 3 $\frac{1}{2}$	1 8	1 3 $\frac{1}{2}$	1 8	2 1 $\frac{1}{2}$	...	...	...	...	...
6 $\frac{1}{2}$	1 4 $\frac{1}{2}$	1 9	1 4 $\frac{1}{2}$	1 9	2 3	0 2	0 2	0 2	0 3 $\frac{1}{2}$...		
7	1 5 $\frac{1}{2}$	1 10 $\frac{1}{2}$	1 5 $\frac{1}{2}$	1 10 $\frac{1}{2}$	2 5	...	...	...	...	...
7 $\frac{1}{2}$	1 6 $\frac{1}{2}$	2 0	2 0	2 0	2 7	0 2 $\frac{1}{2}$	0 2 $\frac{1}{2}$	0 2 $\frac{1}{2}$	0 4	...		
8	1 8 $\frac{1}{2}$	2 1 $\frac{1}{2}$	2 1 $\frac{1}{2}$	2 1 $\frac{1}{2}$	2 9	...	...	...	...	...
8 $\frac{1}{2}$	1 9 $\frac{1}{2}$	2 3	2 3	2 3	2 11	0 3	0 3	0 3	0 4 $\frac{1}{2}$...		
9	1 10 $\frac{1}{2}$	2 5	2 5	2 5	3 1	...	...	...	...	...
9 $\frac{1}{2}$	2 0	2 7	2 7	2 7	3 3	0 3 $\frac{1}{2}$	0 3 $\frac{1}{2}$	0 3 $\frac{1}{2}$	0 5	...		
10	2 2	2 9	2 9	2 9	3 5	...	...	...	...	...
10 $\frac{1}{2}$	2 4 $\frac{1}{2}$	2 11	2 11	2 11	3 7	0 4	0 4	0 4	0 5 $\frac{1}{2}$...		
11	2 6 $\frac{1}{2}$	3 1	3 1	3 1	3 9	...	...	...	...	...
11 $\frac{1}{2}$	2 9	3 3	3 3	3 3	3 11	0 4 $\frac{1}{2}$	0 4 $\frac{1}{2}$	0 4 $\frac{1}{2}$	0 6	...		
12	2 11	3 5	3 5	3 5	4 1 $\frac{1}{2}$	...	...	...	...	...
12 $\frac{1}{2}$	3 1 $\frac{1}{2}$	3 7	3 7	3 7	4 4	0 5	0 5	0 5	0 6 $\frac{1}{2}$...		
13	3 3 $\frac{1}{2}$	3 9 $\frac{1}{2}$	3 9 $\frac{1}{2}$	3 9 $\frac{1}{2}$	4 8	...	...	...	...	...
13 $\frac{1}{2}$	3 6	4 0	4 0	4 0	5 0	0 6	0 6	0 6	0 7	...		
14	3 9	4 4	4 4	4 4	5 4	...	...	...	...	...
15	4 0	4 8	4 8	4 8	5 8	0 6	0 6	0 6	0 8	...		
16	4 6	5 3	5 3	5 3	6 6	0 7 $\frac{1}{2}$	0 7 $\frac{1}{2}$	0 7 $\frac{1}{2}$	0 9 $\frac{1}{2}$...		
17	5 2	6 2	6 2	6 2	7 6	0 8	0 8	0 8	0 11	...		
18	6 0	7 3	7 3	7 3	9 0	0 9	0 9	0 9	1 0 $\frac{1}{2}$...		
19	7 0	8 6	8 6	8 6	11 0	0 10	0 10	0 10	1 2	...		
20	8 0	9 10	9 10	9 10	13 0	0 11	0 11	0 11	1 3 $\frac{1}{2}$...		
	9 3	11 4	11 4	11 4	15 0	1 0	1 0	1 0	1 5	...		
	all above	all above	all above	all above	all above	all above	all above	all above	all above	all above		
	1s. 6l.	1s. 8d.	2s. 0d.	2s. 0d.	1d.	1d.	1d.	1d.	1d.	1d.		
	per inch	per inch	per inch	per inch	per inch	per inch	per inch	per inch	per inch	per inch		
	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.		

Middle and rough 13 inch. and above, one-third of the whole. Cutlers' 2d. per dozen more than bastard. three-squares to advance one inch. Single cut to 8 inches only. 2d. per doz. Belled three-squares, of extra strength, to take the medium—less than double cut, in all cuts. example. 8 inch. strength of 9in., to be price of 8 $\frac{1}{2}$ inch. Bunts to advance one inch, with round edges, to be price and half, edging to be

Inches	Half-round Work Finishing.						Half-round Siding.					
	Common		2nd Cut.		Smooth		Common		2nd Cut.		Smooth	
	per doz.		per doz.		per doz.		per doz.		per doz.		per doz.	
To 4	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
4	1 3	1 6	2 0	0 10	1 0	1 4	1 3	1 7	2 0	1 3	2 3	3 2
4½	1 4	1 7½	2 1½	0 10½	1 1	1 5	1 4	1 8	2 1	1 5	2 6	3 4
5	1 5½	1 9	2 3	0 11½	1 2	1 6	1 5	1 9	2 2	1 6	2 7	3 6
5½	1 6½	1 10½	2 4½	1 0	1 3	1 7	1 6	2 0	2 3	1 7	2 8	3 8
6	1 7½	2 0	2 6	1 1	1 4	1 8	1 7	2 1	2 4	1 8	2 9	3 10
6½	1 8	2 1½	2 7½	1 1½	1 5	1 9	1 8	2 2	2 5	1 9	3 0	3 11
7	1 9	2 3	2 9	1 2	1 6	1 10	1 9	2 3	2 6	2 0	3 1	3 12
7½	1 10½	2 5	3 0	1 3	1 7½	2 0	1 10½	2 4½	2 7½	2 1	3 2	3 13
8	2 0	2 7½	3 3	1 4	1 9	2 2	2 0	2 6	2 8	2 2	3 3	3 14
8½	2 2	2 9½	3 4½	1 5½	1 10½	2 3	2 1	2 7	2 9	2 3	3 4	3 15
9	2 4½	3 0	3 6	1 7	2 0	2 4	2 2	2 8	3 0	2 4	3 5	3 16
9½	2 6½	3 2	3 9	1 8½	2 1½	2 6	2 3	2 9	3 1	2 5	3 6	3 17
10	2 9	3 4½	4 0	1 10	2 3	2 8	2 4	3 0	3 2	2 6	3 7	3 18
10½	2 10½	3 6½	4 1½	1 11	2 4½	2 11	2 5	3 1	3 3	2 7	3 8	3 19
11	3 0	3 9	4 9	2 0	2 6	3 2	2 6	3 3	3 4	2 8	3 9	3 20
11½	3 3	4 0	5 0	2 2	2 8	3 4	2 8	3 5	3 6	2 9	3 10	3 21
12	3 6	4 3	5 3	2 4	2 10	3 6	2 10	3 7	3 8	3 1	3 11	3 22
12½	3 9	4 6	5 6	2 6	3 0	3 8	2 11	3 8	3 9	3 2	3 12	3 23
13	4 0	4 9	5 9	2 8	3 2	3 10	3 12	3 10	4 0	3 3	3 13	3 24
13½	4 3	5 0	6 1½	2 10	3 4	4 1	3 13	4 1	4 1	3 4	3 14	3 25
14	4 6	5 3	6 6	3 0	3 6	4 4	3 14	4 2	4 2	3 5	3 15	3 26
15	5 0	6 0	7 3	3 4	4 0	4 10	3 16	4 4	4 4	3 6	3 16	3 27
16	6 0	7 0	8 9	4 0	4 8	5 10	3 18	4 6	4 6	3 8	3 18	3 29
17	7 0	8 3	10 6	4 8	5 6	7 0	3 20	4 8	4 8	3 9	3 19	3 30
18	8 0	9 6	12 7	5 4	6 4	8 4	3 22	5 0	5 0	3 11	3 21	3 32
19	9 3	11 0	14 9	6 2	7 4	9 10	3 24	5 2	5 2	3 12	3 22	3 33
20	10 6	12 9	17 0	7 0	8 6	11 4	3 26	5 4	5 4	3 13	3 23	3 34
	all above	all above	all above	all above	all above	all above	all above	all above	all above	all above	all above	all above
	1s. 6d.	1s. 8d.	2s. 0d.	1s. 0d.	1s. 1d.	1s. 3d.	1s. 6d.	1s. 8d.	2s. 0d.	1s. 0d.	1s. 1d.	1s. 3d.
	per inch	per inch	per inch	per inch	per inch	per inch	per inch	per inch	per inch	per inch	per inch	per inch
	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.

Middle cut and rough, 16 inch, and above, 1d. per dozen more than bastard.

EXTRAS.—Half-round, cut on the flat side only, as round offs. Half-round common, with six and seven rows, one sixth more than half-round price Double cut, second cut, and smooth, round sides, one third of the

Inches	Half-round Flat Siding.						Half-round Edging.	
	Common 2nd Cut.				Smooth.		Common half-round, and cross files, cut on one side.	
	per s.	doz. d.	per s.	doz. d.	per s.	doz. d.	per s.	doz. d.
To 4	0	5	0	6	0	8	...	
4½	0	5½	0	6½	0	8½	...	
5	0	6	0	7	0	9	...	
5½	0	6½	0	7½	0	9½	...	
6	0	6½	0	8	0	10	0	1½
6½	0	6½	0	8½	0	10½	...	
7	0	7	0	9	0	11	0	2
7½	0	7	0	9½	1	0	...	
8	0	8	0	10½	1	1	0	2
8½	0	8½	0	11	1	1½	...	
9	0	9½	1	0	1	2	0	2
9½	0	10	1	0½	1	3	...	
10	0	11	1	1½	1	4	0	2½
10½	0	11½	1	2	1	5½	...	
11	1	0	1	3	1	7	0	2½
11½	1	1	1	4	1	8	...	
12	1	2	1	5	1	9	0	2½
11½	1	3	1	6	1	10	...	
13	1	4	1	7	1	11	0	3
13½	1	5	1	8	2	0½	all above advance 1d. per inch per doz.	
14	1	6	1	9	2	2		
15	1	8	2	0	2	5		
16	2	0	2	4	2	11	If cut on both edges, double price.	
17	2	3	2	9	3	6		
18	2	8	3	2	4	3		
19	3	1	3	8	4	11		
20	3	6	4	3	5	8		
	all above 6d.		all above 7d.		all above 9d.			
	per inch per doz.		per inch per doz.		per inch per doz.			

Middle cut and rough, 16 inch, and above, 1d. per doz. more than bastard.

round side price extra. Cross files, to advance two inches on half-round price of their respective cuts. Cross files, smooth, and second cut double cut, one third of single cut price extra.

Inches.	Needle or Pin Files.			Round.		
	Ba. tard.	2nd Cut.	Smooth	Bastard.	2nd Cut.	Smooth.
	per doz. s. d.	per doz. s. d.	per doz. s. d.	per doz. s. d.	per doz. s. d.	per doz. s. d.
...	...	...	...	3½ in. 11½	1 1	1 5
To 4	...	...	...	1 0	1 2	1 6
4½	...	...	...	1 1	1 3	1 7½
5	1 1½	1 5½	1 10	1 1½	1 4	1 9
5½	1 2	1 6	1 11	1 2½	1 5	1 10½
6	1 2½	1 7	2 0	1 4	1 7	2 1
6½	1 3	1 8½	2 2	1 5	1 8	2 2
7	1 4	1 10	2 4	1 6	1 9	2 3
7½	1 5	1 11½	2 6	1 7½	1 10	2 5
8	1 6	2 1	2 8	1 9	2 0	2 7
8½	1 7½	2 2½	2 10	1 10½	2 1	2 9
9	1 9	2 4	3 0	2 0	2 4	3 0
9½	1 11	2 6	3 1½	2 1½	2 6	3 3
10	2 1	2 8	3 3	2 3	2 8	3 6
10½	2 2½	2 10	3 6	2 4½	2 10	3 9
11	2 4	3 0	3 9	2 6	3 0	4 0
11½	2 6	3 2½	4 0	2 8	3 2	4 2
12	2 8	3 6	4 3	2 10	3 5	4 6
12½	2 10	3 8½	4 7½	3 0½	3 7	4 9
13	3 0	4 0	5 0	3 3	4 0	5 2
13½	3 3	4 3	5 4½	3 6	4 3	5 5
14	3 6	4 6	5 9	3 9	4 7	6 0
15	4 1	5 6	7 0	4 0	5 3	7 1
16	4 9	6 6	9 0	4 6	6 0	8 3
17	5 8	7 6	11 0	5 3	7 1	10 0
18	6 8	8 6	13 0	6 3	8 3	12 0
19	7 8	10 0	15 0	7 3	9 8	14 0
20	8 8	11 6	17 0	8 3	11 3	16 0
	all above 1s. 3d.	all above 1s. 6d.	all above 2s. 0s.	all above 1s. 6d.	all above 1s. 8d.	all above 2s. 0d.
	per inch per doz.	per inch per doz.	per inch per doz.	per inch per doz.	per inch per doz.	per inch per doz.

If extra breadth, to take the
medium—example, 8 inch, breadth
of 10 inch, to take 9 inch price.

Knife and Cant.						Cabinet Files.			
Bastard.			2nd Cut.		Smooth		Bastard.		
Inches.	per doz.		per doz.		per doz.		Inches.	per doz.	
	s.	d.	s.	d.	s.	d.		s.	d.
To 3	1	8	1	7	2	0	...	...
4	1	4½	1	9	2	3	4	1	4
5	1	6½	2	0	2	7	...	...
6	1	8½	2	3	2	11	5	1	6
7	1	11	2	7	3	3	...	...
8	2	3	2	11	3	7	6	1	9
9	2	7	3	3	3	11	...	...
10	2	11	3	7	4	4	7	2	0
11	3	3	4	0	5	0	...	...
12	3	9	4	8	5	8	8	2	3
13	4	3	5	3	6	6	...	...
14	4	11	6	2	7	6	9	2	6
15	5	9	7	3	9	0	...	...
16	6	9	8	6	11	0	10	2	11
17	7	9	9	10	13	0	...	...
18	9	0	11	4	15	0	11	3	4
	all above		all above		all above		...	...
	1s. 8d.		1s. 10d		2s. 0d.		12	3	9
	per inch		per inch		per inch		...	...
	per doz.		per doz.		per doz.		18	4	2
							
							14	4	8
							15	5	4
							16	6	3
							17	7	3
							18	8	3
							19	9	3
							20	10	3
								all above	
								1s. 6d.	
								per inch	
								per doz.	

With one round edge, one inch extra; with two round edges, two inches extra.

Blunts to advance one inch.

With one round edge, one inch extra; with two round edges, two inches extra.

Blunts to advance one inch.

Flat sides, two-fifths.

Inches.	Blunt Cotter being two sizes or more under Flat Breadth, with square safe edges.			Equalling Slottin ^g , safe edges, to be under Flat Breadth, if Flat Breadth, as Equalling.		
	Bastard.	2nd Cut.	Smooth	Bastard.	2nd Cut.	Smooth.
	per doz. s. d.	per doz. s. d.	per doz. s. d.	per doz. s. d.	per doz. s. d.	per doz. s. d.
5	1 0	1 4	1 8	1 1	1 5	1 9
6	1 1	1 5	1 10	1 2	1 6	1 11½
7	1 2	1 7	2 0	1 3½	1 8	2 1½
8	1 3	1 9	2 2	1 5	1 11	2 5
9	1 5½	1 11	2 6	1 7	2 2	2 9
10	1 8	2 2	2 10	1 10	2 5	3 1
11	1 11	2 5	3 2	2 1	2 9	3 5
12	2 2	2 9	3 8	2 4	3 1	3 11
13	2 6	3 1	4 1	2 9	3 6	4 4
14	2 11	3 6	4 11	3 2	4 1	5 1
15	3 4	4 2	5 9	3 8	4 8	5 10
16	3 9	4 10	7 0	4 0	5 3	7 0
17	4 3	6 0	9 0	4 7	6 3	9 0
18	4 9	7 0	11 0	5 2	7 6	11 0
19	5 8	8 6	13 0	6 2	8 9	13 0
20	6 8	10 0	15 0	7 2	10 6	15 0
	all above 1s. 0d.	all above 1s. 6d.	all above 2s. 0d.	all above 1s. 2d.	all above 1s. 6d.	all above 2s. 0d.
	per inch per doz.	per inch per doz.	per inch per doz.	per inch per doz.	per inch per doz.	per inch per doz.

If cut on one edge, to advance one inch; cut on both edges, two inches on the above prices if cut with one round edge, to advance one inch; with two round edges, two inches and half-round price.

Taper Cotter, or slotting, as flat work.

Cut on one edge, to advance one inch, cut on both edges, two inches on the above price. If cut with one round edge, to advance one inch; with two round edges, two inches and half-round price.

EQUALLING HAND-FILE BREADTH.—Safe edges, or cut on one edge, as Hand Files; cut on both edges, one inch on Hand-file price. With one round edge, to advance one inch; with two round edges, two inches and half-round price.

Thin, or Frame Equalling, with two square edges, to advance three inches on flat price; if with round edges, three inches and half-round price.

Inches.	Blunt Feather Edge or Curry Combs.					
	Bastard. 2nd Cut. Smooth					
	per doz.		per doz.		per doz.	
	s.	d.	s.	d.	s.	d.
8	1	10	2	3	2	9
2½	1	11½	2	5	2	11½
4	2	1	2	7	3	2
4½	2	2½	2	9	3	4½
5	2	4	2	11	3	7
5½	2	6	3	1½	3	10
6	2	8	3	4	4	1
6½	2	10½	3	7	4	4½
7	3	1	3	10	4	8
7½	3	2½	4	1	5	0
8	3	6	4	4	5	4
8½	3	9	4	7½	5	8½
9	4	0	4	11	6	1
9½	4	3½	5	3½	6	6½
10	4	7	5	8	7	0
10½	4	11	6	1	7	6
11	5	3	6	6	8	0
11½	5	7½	6	11½	8	7½
12	6	0	7	5	9	3
12½	6	5½	7	11	10	0
13	6	11	8	5	10	9
13½	7	5½	8	11½	11	7½
14	8	0	9	6	12	6
15	9	2	11	0	15	0
16	10	6	13	0	17	6
17	12	0	15	0	20	0
18	14	0	17	0	22	6
	all above		all above		all above	
	2s. 0l.		2s. 3l.		2s. 6d.	
	per inch		per inch		per inch	
	per doz.		per doz.		per doz.	

Double cut square edges, to advance one inch; with round edges, to advance two inches.

Taper points, to advance one inch; without tangs, one inch extra.

MILLSAW FILES.

WITH TWO SQUARE EDGES, SINGLE CUT.

	To	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Inches.	
Bastard single.	Finishing	1/2	1/4	1/6	1/7½	1/10	2/1	2/4	2/8	2/11	3/4	3/9	4/3	5/0	6/0	dz.	Above, 1/ pr. in. pr. ds
	Siding	0/10½	1/0	1/1½	1/2½	1/4½	1/7	1/9	2/0	2/2	2/6	2/9½	3/2½	3/9	4/6	"	"
Second single.	Edging	0/3½	0/4	0/4½	0/5	0/5½	0/6	0/7	0/8	0/9	0/10	0/11½	1/0½	1/3	1/6	"	1/3
	Finishing	1/5	1/7	1/9	1/11	2/2	2/5	2/8	3/0	3/5	4/0	4/10	5/8	6/5	7/2	"	1/2
	Siding	1/1	1/2½	1/3½	1/5½	1/7½	1/9½	2/0	2/3	2/6½	3/0	3/7½	4/3	4/9½	5/4½	"	1/10
	Edging	0/4	0/4½	0/5½	0/6½	0/7½	0/8	0/9	0/10½	1/0	1/2½	1/5	1/7½	1/9½	"	"	1/4

WITH ONE ROUND AND ONE SQUARE EDGE, SINGLE CUT.

Bastard single.	Finishing	1/3	1/5	1/7	1/9	2/0	2/3	2/6	2/10	3/2	3/7	4/1	4/8	5/6	6/6	"	1/1
	Siding	0/10	0/11½	1/0½	1/2	1/4	1/6	1/8	1/11	2/1	2/5	2/8½	3/1½	3/8	3/4	"	1/9
	Edging	0/5	0/5½	0/6½	0/7	0/8	0/9	0/10	0/11	1/1	1/2	1/4½	1/6½	1/10	2/2	"	1/4
Second single.	Finishing	1/6	1/8	1/10	2/1	2/4	2/7	2/11	3/4	3/9	4/5	5/3	6/0	6/9	7/9	"	1/3
	Siding	1/0	1/1½	1/2½	1/4½	1/7	1/8½	1/11½	2/3	2/6	2/11	3/6	4/0	4/6	5/2	"	1/10
	Edging	0/6	0/6½	0/7½	0/8½	0/9	0/10½	0/11½	1/1	1/3	1/6	1/9	2/0	2/3	2/7	"	1/5

WITH TWO ROUND EDGES, SINGLE CUT.

Bastard single.	Finishing	1/4½	1/6½	1/9	1/11	2/3	2/6	2/10	3/3	3/8	4/3	4/10	5/6	6/5	7/8	"	1/3
	Siding	0/10	0/11	1/0½	1/1½	1/4	1/6	1/8½	1/11	2/1½	2/5	2/8½	3/0½	3/8½	4/2	"	1/9
	Edging	0/6½	0/7½	0/8½	0/9½	0/11	1/0	1/1½	1/4	1/6½	1/10	2/1½	2/5½	2/8½	3/6	"	1/6
Second single.	Finishing	1/9	1/11	2/2	2/6	2/10	3/2	3/8	4/2	4/8	5/2	5/11	6/9	7/9	9/0	"	1/5
	Siding	1/0½	1/1	1/3	1/5	1/7	1/9	2/0	2/3	2/6	2/11	3/7	4/3	4/9	5/2	"	1/10
	Edging	0/8½	0/10	0/11	1/1	1/3	1/5	1/8	1/11	2/2	2/3	2/4	2/6	3/0	3/10	"	1/7

MILLSAW FILES.

WITH TWO SQUARE EDGES, DOUBLE CUT.

	To	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Inches.	
Bastard double	Finishing	1/4	1/5	1/7	1/8	1/9	2/10	2/8	3/10	3/5	3/11	4/5	5/2	6/1	7/3	dz.	Above 1/5 prin. pr dz.
	Siding	1/0	1/1	1/3	1/4	1/5	1/6	1/7	2/8	2/9	3/1	3/7	4/1	4/10	5/9	"	1/2
	Edging	0/3	0/4	0/4	0/5	0/5	0/6	0/7	0/8	0/9	0/10	0/11	1/1	1/3	1/6	"	0/3
Second double.	Finishing	1/8	1/10	2/1	2/4	2/8	3/10	3/5	3/10	4/3	4/10	5/6	6/4	7/5	8/9	"	1/7
	Siding	1/4	1/5	1/8	1/10	2/1	2/5	2/9	3/1	3/5	3/11	4/4	4/11	5/10	7/0	"	1/3
	Edging	0/4	0/4	0/5	0/5	0/6	0/7	0/7	0/8	0/10	0/11	1/2	1/4	1/7	1/9	"	0/4

WITH ONE ROUND EDGE, DOUBLE CUT.

Bastard double	Finishing	1/5	1/7	1/9	2/10	2/3	2/7	2/11	3/3	3/9	4/3	4/11	5/8	6/8	7/11	"	1/6
	Siding	1/0	1/1	1/3	1/5	1/7	1/10	2/1	2/4	2/8	3/1	3/7	4/1	4/10	5/9	"	1/2
	Edging	0/5	0/6	0/6	0/7	0/8	0/9	0/10	0/11	1/0	1/2	1/4	1/7	1/10	2/2	"	0/4
Second double.	Finishing	1/9	2/0	2/3	2/7	2/1	3/3	3/9	4/3	4/9	5/4	6/0	7/0	8/1	9/7	"	1/8
	Siding	1/3	1/5	1/7	1/10	2/2	2/4	2/9	3/2	3/6	3/10	4/3	5/0	5/10	7/0	"	1/3
	Edging	0/6	0/6	0/7	0/8	0/9	0/10	0/11	1/1	1/3	1/6	1/9	2/0	2/3	2/7	"	0/5

WITH TWO ROUND EDGES, DOUBLE CUT.

Bastard double	Finishing	1/7	1/9	2/0	2/4	2/8	3/0	3/5	3/11	4/6	5/2	5/11	6/9	7/9	9/3	"	1/8
	Siding	1/1	1/1	1/3	1/6	1/9	2/0	2/3	2/7	2/11	3/4	3/9	4/3	5/0	5/9	"	1/2
	Edging	0/6	0/7	0/8	0/10	0/11	1/0	1/1	1/4	1/6	1/10	2/1	2/5	2/8	3/6	"	0/6
Second double.	Finishing	2/0	2/3	2/7	3/0	3/4	3/9	4/3	4/9	5/3	6/0	7/0	8/3	9/6	11/0	"	1/10
	Siding	1/4	1/5	1/8	1/11	2/1	2/4	2/7	2/10	3/1	3/9	4/8	5/9	6/6	7/2	"	1/3
	Edging	0/8	0/10	0/11	1/1	1/3	1/5	1/8	1/10	2/2	2/3	2/4	2/6	3/0	3/10	"	0/7

TWO TANGED MILLSAW FILES.

	10	11	12	13	14	15	16	17	18	Inches.
Bastard Cut, single	2/6	2/10	3/3	3/7	4/1	4/8	5/6	6/4	7/2	per doz.
Second Cut single	2/11	3/3	3/10	4/8	5/6	6/3	7/0	7/9	8/6	"
Bastard Cut, Double	3/0	3/6	4/0	4/6	5/2	5/10	7/2	8/2	9/2	"
Second Cut Double	3/10	4/4	4/10	5/2	6/2	7/2	8/6	9/6	11/6	"

Millsaws, with two Tangs, edging same price as edging Millsaws with one Tang Millsaws Smooth, single cut, to advance 1 in. on second cut single. Millsaws, Smooth Double Cut, to advance one inch on second cut. Double. Blunt Millsaws, to advance one inch.

TOPPING FILES.

Blunt and Drawn Points, with Square Safe Edges, left at point.

	To	5	5½	6	6½	7	7½	8	9	10	11	12	Inches.
Single Cut	0/11	1/0	1/1	1/2	1/4	1/4	1/5	1/6	1/9	2/0	2/4	2/8	per doz.
Double Cut		1/4	1/6	1/8	1/9	1/10	2/1	2/4	2/8	3/0	"	"	All above, /6 per in. per doz.

EXTRAS.—Topping Files, if cut to point, one inch extra. Smooth Topping, to advance one inch on second cut price. For me Topping, to advance three inches on half-round price—if double cut, one inch extra. Reaper Files, square or swaged edges, double cut, as second cut double. Knife Reaper Files, parallel bevelled, as e edges, to advance one inch, cut to point, two inches.

TOPPING SQUARE EDGES CUTTING.

To	6	6½	7	7½	8	9	10	11	12	Inches.
Second Cut.....	0/5	0/5½	0/6	0/6½	0/7	0/8	0/9	0/10	1/0	per doz.
TOPPING FILES, WITH TWO ROUND EDGES.										
Finishing.....	2/4	2/6	2/8	2/10	3/0	3/5	3/10	4/4	4/10	per doz.
Siding.....	1/5	1/6	1/7	1/8	1/9½	2/0½	2/3½	2/7	2/11	"
Edging.....	0/11	1/0	1/1	1/2	1/2½	1/4½	1/6½	1/9	1/11	"
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All above, /3 per inch per doz. All above, 1/8 per inch per doz. " 1/0 " " /8 "

Taper Saw Files.									
	2nd Cut. Single		2nd Cut Double.		Smooth single		Smooth Double.		
Inches.	per doz.		per doz.		per doz.		per doz.		
	s.	d.	s.	d.	s.	d.	s.	d.	
3½	0	10	1	3	1	2½	1	8	
4	0	11	1	3	1	2½	1	8½	
4½	1	0	1	5½	1	4	1	9½	
5	1	1	1	7	1	5	1	11	
5½	1	2	1	8½	1	7	2	1	
6	1	3½	1	10	1	9	2	3	
6½	1	5	2	0	1	11	2	5	
7	1	7	2	3	2	1	2	7	
7½	1	9	2	5	2	3½	2	9½	
8	1	11	2	8	2	6	3	0	
8½	2	1	2	10	2	8½	3	2½	
9	2	3	3	1	2	11	3	5	
9½	2	5	3	4	3	1½	3	8	
10	2	8	3	7	3	4	3	11	
10½	2	11	3	10	3	7	4	2	
11	3	2	4	1	3	10	4	5	
12	3	8	4	7	4	4	5	0	
13	4	2	5	2	5	0	5	7	
14	4	10	5	10	5	9	6	4	
	all above		all above		all above		all above		
	10d.		1s. 2d.		1s. 0d.		1s. 4d.		
	per inch		per inch		per inch		per inch		
	per doz.		per doz.		per doz.		per doz.		

Blunt and taper saw files, cut to point, to advance 1 in.

Blunts left at point, the length only.

Taper saw files edging, one-sixth.

Saw files, with round edges, as Band saw files.

Segment saw files, to advance 1 inch on Taper saw file prices.

Gin saw files, to advance half an inch on saw file price.

Gin saw files, with round backs and Pippin files, to advance 2 inches on Frame saw file price.

Frame Saw files and Guilets.				
Inches.	Bastard Single.		2nd Cut Single and Bastard Double	2nd Cut Doub.e.
	per doz.		per doz.	per doz.
	s. d.		s. d.	s. d.
3	1 0½		1 2½	1 8½
3½	1 0½		1 3½	1 9½
4	1 1		1 4½	1 10½
4½	1 2		1 6	2 0
5	1 3		1 7½	2 2
5½	1 4		1 9	4 4
6	1 5		1 11	2 6½
6½	1 6		2 1	2 9
7	1 7		2 3	3 0
7½	1 8		2 6	3 3
8	1 9½		2 9	3 6½
8½	1 11		3 0	3 10
9	2 1		3 3	4 2
9½	2 3		3 6	4 6
10	2 5		3 9	4 10
10½	2 7		4 1	5 2
11	2 9		4 6	5 7
12	3 0		5 1	6 4
	all above 6d.		all above 1s. 0d.	all above 1s. 2d.
	per inch		per inch	per inch
	per doz.		per doz.	per doz.

BAND SAW FILES, TAPER AND BLUNT LEFT AT POINTS.

Inches.

To 4 4½ 5 5½ 6 7 8 9 10 11 12

1/5½ 1/6 1/7 1/9 1/10 2/14 2/8 3/2 3/8 4/4 5/1 pr. dz. above 1/0 pr. in. pr. oz.

If cut to Point, to advance 1 inch.

Five inch second cut to have ten rows ;
Bastard to have two rows less than second cut.

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Inches. per dozen.
Shoe Rasps, Common			1/5	1/7	1/10	2/1	2/4	2/7										
Ditto Patent French Boot ..			2/6	2/9	3/8	3/6	4/0	4/9										"
Ditto do. Shoe Rasps, cut ..			1/10	2/1	2/4	2/7	2/10	3/2										"
Ditto Swiss and Devel			2/6	3/0	3/6	4/0	4/6	5/0	5/6									"
Horse Rasps							2/6	2/9	3/3	3/10	4/5	5/1	6/0	7/1	8/3			dz. Above 1/6 pr. in. pr. dz.
Ditto Tanged							2/10	3/4	3/11	4/7	5/3	6/3	7/8					1/0
Hand Bastard			1/4	1/6	1/8	1/11	2/2	2/6	2/10	3/8	3/9	4/3	5/6	6/6	7/6	8/7	9/10	11/3
Ditto Second Cut			1/8	1/10	2/3	2/5	2/10	3/2	3/7	4/0	4/6	5/0	5/8	6/6	7/7	8/11	10/3	11/10
Ditto Smooth			2/3	2/4	2/8	3/0	3/4	3/9	4/4	5/0	5/6	6/0	6/10	6/10	6/10	6/10	6/10	13/7
Ditto Half-round Bastard ..			1/3	1/4	1/7	1/9	2/0	2/4	2/9	3/0	3/6	4/0	4/6	5/0	5/6	6/9	8/0	9/6
Fiat and Half-round Bastard ..			1/6	1/9	2/0	2/3	2/7	3/0	3/4	3/9	4/3	4/9	5/3	6/0	7/0	8/3	9/6	11/0
Ditto do. Second Cut			1/3	1/9	2/0	2/3	2/7	3/0	3/4	3/9	4/3	4/9	5/3	6/0	7/0	8/3	9/6	11/0
Ditto do. Smooth			2/0	2/3	2/6	2/9	3/3	3/6	4/1	4/9	5/3	5/9	6/6	7/3	8/9	10/6	12/7	14/9
Cabinet Rasps			1/7	1/10	2/2	2/6	2/10	3/3	3/9	4/2	4/7	5/1	5/8	6/6	8/0	10/0	12/0	14/0
Ditto extra Smooth			2/3	2/9	3/3	3/9	4/3	4/11	5/8	6/3	6/11	7/3	8/6	9/9	12/0	14/0	16/0	18/0
Saddle Tree							5/0	5/5	6/0	6/10	7/11	9/0	10/6	12/0	14/0	16/0	18/0	20/0
Last Makers'			1/6	1/8	2/0	2/4	2/8	3/0	3/5	4/0	4/7	5/4	6/7	7/10	9/1	10/4	12/4	14/4
Gunstockers' Flat			1/8	1/10	2/3	2/7	3/0	3/5	3/10	4/4	4/10	5/8	6/11	8/3	9/6	10/8	12/6	14/3
Gunstockers' Half-round																		2/0

Gunstockers' Second Cut, to advance two inches on Gunstockers' prices. Blunt Gunstockers', to advance one inch on Gunstockers' prices. Half-round rasps, circular cut, to reckon as Gunstockers'. Cabinet Rasps, circular cut, to reckon as Last Makers'. Flat Rasps, cut up or cross, to advance one inch on half-round. Last Makers', circular cut, to advance one inch. Cross File Rasps, to advance two inches on half-round. Round Rasps, from 1 to 9 inch 6d., all above 4d. per dozen more than half-round, in their respective cuts. Shoe Rasps, cut on edge, to advance one inch, if cut on both edges, to advance two inches. Shoe Rasps, single improved, half-inch extra; double improved, one inch extra. Swaged Rasps, 2d. per dozen extra. Peg Rasps, single, 1s. per dozen; double, 1s. 6d. per dozen. Horse 1'ooth Rasps, 6d. each. Broad Rasps, 3d. each. Saw Handle Rasps, 6d. each. Tanged Shoe Rasps, to advance two inch on Flat price. Oval or Tumbler Rasps, to advance three inch on Hand Rasps; If Double Tanged, two inch extra.

Inches.	Valve Bits.					
	Bastard.		Second Cut		Smooth	
	per s.	doz. d.	per s.	doz. d.	per s.	doz. d.
To 4	2	8	3	4	4	1
5	2	10	3	6	4	3½
6	3	0	3	8	4	8
7	3	3	4	0	4	11
8	3	6	4	4	5	4
9	3	9	4	6	5	8
10	4	0	4	8	6	0
11	4	3	4	11	6	6
12	4	6	5	2	7	0

ROCKER, AND DOUBLE ROCKER.

Bastard Cut, 3d. per b.

Sec nd Cut, 4d. per .b.

Smooth, 5.. per lb.

RUBBERS.

Common, 1s4d per stone.

Cut to Point, 1s6d per stone.

1 lb. each as Flat, 12 inches

2 lbs each as Flat, 14 inches.

3 lbs each as Flat, 16 inch.

Second Cut, not Cut to Point 2d per lb.

Second Cut, Cut to Point 0s2½d per lb.

Smooth, not Cut to Point 0s3d per lb.

Smooth, Cut to Point 0s3½d per lb.

Half-thick Common, 1s8d per stone.

Half-thick, Cut to Point 1s10d per stone.

If over Cut Edges, 1s11d per stone.

Half-thick Second Cut 0. 2½d per lb.

Half-thick Smooth, 0s3d per lb.

Square Blunt Rubbers 1s8d per stone.

Square Second Cut, $2\frac{1}{2}$ per lb.

Square Smooth, $3\frac{1}{2}$ per lb.

Valve Rubbers, with or without holes, **Common** per stone. 2s0d; **Second Cut** per lb. 3d; **Smooth** per lb. 4d.

RAIL FILES with one round edge, as half-round; with two round edges, one inch extra.

RAIL FILES, Rough, Seven teeth or less to the in., double price Siding; if Eight to Eleven Teeth to the inch, one third Extra Siding.

WEIGHT FILES, 14in. and above, carrying 4 inches and more for extra weight, 1s.10d per Stone, ditto Second Cut, $2\frac{1}{2}$ per lb., ditto Smooth, 3l. per lb.

WEIGHT FILES, with Drawn Points, Flat and Half-round, 10 to $13\frac{1}{2}$ inch, to take the medium—Example, 10 inch weight of 11 inch, take $10\frac{1}{2}$ inch price; or 11 inch, weight of 13 inch, take 12 inch price.

WEIGHT FILES, 14 inch and above, carrying less than 4 inches for extra weight, take inches for extra weight.

FILES cut Double-hand, double price.

BLUNT SQUARE, **BLUNT ROUND**, **Parallel and Slotting**, carrying less than four inches of extra weight, to take the medium.

TAPER SQUARE, and round of extra thickness, to take the medium: example, 14 strength of 16 to take the 15in. price.

ROUND OFFS, two thirds of Half-round price.

TRIPPLE FILES, to advance 2in. on Half-round price.

WATERLOO FILES, Half-round price.

ALL TUMBLER FILES whether left at point or not, to advance 2in. on Half-round price.

SLITTING PINIONS, to advance 2in. on Half-round price.

CLOCK and KIT FILES, 1s.8d, per dozen.

LOCK FILES, Single, Flat price.

KIRBY FILES, as Round Offs.

FLAT-BACK, Half-round, to advance 1in. on Half-round price.

TIP, TRIANGLE, and **NEW CUT FILES**, to advance 1in.

COFFIN FILES, to advance 2in. on Flat price, if safe edges, as Flat.

POT FILES, and **BUTTON FLOATS**, Flat price.

GRUB FILES, to advance 1in. on Half-round price.

COCKSPUR FILES, to advance 1in. on Flat price.

SPECTACLE JOINT FILES, Half-price of Equallings.

CURL FILES, to advance 6in. on Half-round price.

BIRD FEATHER, as drawn Feather Edge.

SEXAGON or Strong Flatback Feather Edge, with Safe backs as Feather Edge, if cut on the Back, one inch extra.

COTTON FILES as Knife Files.

SEGMENT THREE-SQUARES or **SAW FILES** to advance one inch.

SWIMMER SAW FILES same price as regular Saw Files.

PLUMBER'S FLAT and HALF-ROUND FLOAT to advance one inch.

LAST MAKER'S FILES same price as Cabinet Files.

SAW HANDLE FILES Sixpence each.

TROWELL TANG FILES Full Price.

SICKLE FILES 1s. 3d. each.

BIRD TONGUE FILES as Cross Files.

ALL DEAD SMOOTH Double Price.

CANTS cut on the Sides and Edges, Full Price, if on Flat Sides only, as Round Cfs.

RIFFLERS to advance one inch on Half-round Price.

CARROT FILES Double Price of Round.

EQUALLING FILES of extra Breadth or Thickness, to take the medium; example, 14 strength of 16, to take 15 inch Price.

ALL FLAT, except Wardings, cut on one side, Half Price, cut on one side and one edge, Two Thirds, if more, Full Price.

WARDING FILES whether Safe Edges or Sides, Full Price.

ARCH FILES to advance 2 inches on Half-round price.

THIN FLAT, or **WARDING** to 3½ by 18 W. G., 4-in. and 4½-in. by 17 W. G., 5-in. by 16 W. G., 5½-in. by 14 W. G., or thinner to advance ½-in., 6-in. and above to advance 1-in on Flat Price.

TWO GRAINED, and **KNIFE FORK FILES**, 2s. 4d per doz.

ditto ditto **FOUR GRAINED**, 2s5d per doz.

ditto **SMOOTH**, 3s. per dozen.

All Half Inches not mentioned in this List to take the medium of Prices above and below; example, Files 8½ inches long. to divide the difference of Price between 8 and 9 inches.

All Small Files being under the lowest size mentioned in this List, to take the Price of the nearest size above.

All Quarter Inches to reckon quarter inches forward.

Nothing to be allowed from this List for Stripping or Marking.

Thirteen New Files to be cut to the dozen, and **Twelve Old Files** to be re-cut to the dozen.

All Blunts not mentioned in this List to advance one inch on their respective sorts.

All Files and Rasps with Two Tangs not provided for, to advance two inch on their respective kinds.

In cutting Files not mentioned in this List, the Prices to be similar to work of the nearest kind.

LIST OF SIZES AND WEIGHTS OF FILES.

ROUND	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	inches.
Size	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	1	inch.
SQUARE	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	inches.
Size	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	1	inch.

WEIGHTS.

FLAT.....	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	inches.
Weight...				$4\frac{1}{2}$	6	8	11	14	19	24	28	2lb.	2lb.	3lb.	3lb.	4lb.	4lb.	5lb.	6lb.	7lb.	
				oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	8 oz.	8 oz.	8 oz.	8 oz.	12 oz.	8 oz.	4 oz.			

All above, rise 1 lb. per inch per file.

HAND FILES	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Weight			$4\frac{1}{2}$	6	8	11	14	19	24	28	2lb.	2lb.	3lb.	3lb.	4lb.	4lb.	5lb.	6lb.	7lb.	8lb.
			oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	8 oz.	8 oz.	8 oz.	8 oz.	12 oz.	8 oz.	4 oz.			

*All Quarter Sizes, Weight, or Strength, reckon a Quarter Size forward.
All 2 lb. Files reckon as 16 inch.*



